



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT
United States Patent and Trademark Office
Washington, D.C. 20231
www.uspto.gov

07 AUG 2001

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/787126	HALKIER	3631-0108P
INTERNATIONAL APPLICATION NO.		

BIRCH STEWART KOLASCH & BIRCH
PO BOX 747
FALLS CHURCH, VA 22040 0747

Docketed

8-7-01

Perfect
Sequence Listing

I.A. FILING DATE	PRIORITY DATE
13 SEP 99	15 SEP 98

PCT/DK99/00481

07 JUN 2001

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NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as ☐ a Designated Office (37 CFR 1.494) ☒ an Elected Office (37 CFR 1.495):

- | | |
|--|--|
| <input checked="" type="checkbox"/> U.S. Basic National Fee. | <input type="checkbox"/> Indication of Small Entity Status. |
| <input checked="" type="checkbox"/> Copy of the international application. | <input type="checkbox"/> Translation of the international application into English. |
| <input checked="" type="checkbox"/> Oath or Declaration of inventor(s). | <input type="checkbox"/> Translation of Article 19 amendments into English. |
| <input type="checkbox"/> Copy of Article 19 amendments. | <input checked="" type="checkbox"/> Other: ISA/210, PRE'L. AMENDMENT, INFO. DISCLOSURE STATEMENT, LETTER, SEQUENCE LISTING |
| <input type="checkbox"/> Priority Document. | |
| <input checked="" type="checkbox"/> The International Preliminary Examination Report in English and its Annexes, if any. | |
| <input type="checkbox"/> Translation of Annexes to the International Preliminary Examination Report into English. | |

2. ☐ Applicant has requested early processing under 35 U.S.C. 371(f) but has not filed the following indicated items and/or the indicated items in paragraph 3 below. The Basic National Fee and the copy of the international application must be filed prior to 20 or 30 months from the priority date to avoid abandonment.

- ☐ U.S. Basic National Fee. ☐ Copy of the international application.

3. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- ☐ a. Translation of the application into English. A processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.
- ☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.
- ☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).
- ☒ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), properly identifying the application (preferably by the International application number and international filing date). A surcharge will be required if submitted later than the appropriate 20 or 30 months from the priority date.
- ☐ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.
- ☒ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).

4. Additional claim fees of \$_____ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due (37 CFR 1.492(g)). See attached PTO-875.

5. ☐ Applicant has not submitted the required sequence listing pursuant to 37 CFR 1.821-1.825. See attached PCT/DO/EO/920.

ALL OF THE ITEMS SET FORTH IN 3(a)-3(d), 4 AND 5 ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 22 OR 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

6. If box 3a or 3c is checked, a translation of the Annexes **MUST** be submitted no later than the time period set above or the Annexes will be cancelled. A processing fee will be required if submitted later than 20 or 30 months from the priority date.
7. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

A copy of this notice MUST be returned with this response.

Enclosed: ☐ PCT/DO/EO/917
☐ PTO-875

☐ Notice of Defective Translation
☒ PCT/DO/EO/920

Christine S. Washington

Telephone: 703-305-3752

FORM PCT/DO/EO/905 (March 2001)

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UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT
United States Patent and Trademark Office
Washington, D.C. 20231
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07 AUG 2001

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/787126	HALKIER	T 3631-0108P

INTERNATIONAL APPLICATION NO.

PCT/DK99/00481

BIRCH STEWART KOLASCH & BIRCH
PO BOX 747
FALLS CHURCH, VA 22040 0747

I.A. FILING DATE	PRIORITY DATE
13 SEP 99	15 SEP 98

DATE MAILED: 07 JUN 2001

**NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS
CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE
DISCLOSURES**

Applicant has submitted papers under 35 U.S.C. 371 to enter the national stage in the United States of America. The items indicated below, however, are missing. The period within which to correct the deficiency noted below and avoid abandonment is set forth in the accompanying Notification.

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):

- ☒ The application fails to comply with the requirements of 37 CFR 1.821-1.825.
- ☐ This application does not contain, a "Sequence Listing" as a separate part of the disclosure on paper copy or compact disc, as required by 37 CFR 1.821(c).
- ☐ A copy of the "Sequence Listing" in computer readable format has not been submitted as required by 37 CFR 1.821(e).
- ☐ A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
- ☐ The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
- ☐ The paper copy or compact disc of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e).
- ☐ Other: _____

APPLICANT MUST PROVIDE:

- ☒ An initial or substitute computer readable form (CRF) of the "Sequence Listing."
- ☐ An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.
- ☒ A statement that the contents of the paper or compact disc and the computer readable form are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b) or 1.825(d).

FOR QUESTIONS REGARDING COMPLIANCE WITH THESE REQUIREMENTS, PLEASE
CALL:

(703) 308-4216, for Rules interpretation,
(703) 308-4212, for CRF submission help,
(703) 287-0200, for PatentIn software help.

Christine S. Washington
Telephone: 703-305-3752

FORM PCT/DO/EO/920 (March 2001)

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BOX MISSING PARTS

PATENT

3631-0108P



IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: HALKIER, Torben et al. Conf.: 6308
Appl. No.: 09/787,126 Group: Unassigned
Filed: March 14, 2001 Examiner: UNASSIGNED
For: METHOD FOR DOWN-REGULATING
OSTEOPROTEGERIN LIGAND ACTIVITY

LETTER

BOX MISSING PARTS

August 7, 2001

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Applicant wishes to advise the United States Patent and Trademark Office that a Declaration was filed on March 14, 2001, to perfect Applicant's filing requirements.

The filing requirements were perfected prior to the receipt of the Notice to File Missing Parts of Nonprovisional Application, a copy of which is attached hereto.

As evidence of Applicant's previous submission of a Declaration in connection with the present application, Applicant encloses a copy of the postcard indicating receipt of the Declaration by the United States Patent and Trademark Office and payment of the appropriate fees by the Applicant.

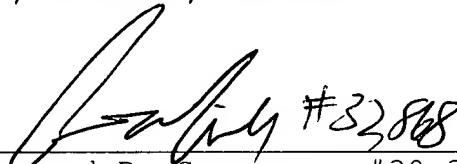
Appl. No. 09/787,126

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By

 #3288

Leonard R. Svensson, #30,330

^{kw}
LRS/KW
3631-0108P

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

Attachments: Copy of Notice to File Missing Parts
Copy of Postcard Receipt
Copy of the signed Combined Declaration and Power
of Attorney

(Rev. 01/22/01)

10 Reps. 7/1/01 07 AUG 2001

Filed herewith on: March 14, 2001 SC
DOCKET NO.: 3631-0108P ATTY.: LR5
APPLICANT(S): HALLIER et al.
APPLN. NO.: NEW FILED: 3-14-01
PAT NO.: _____

☒ New Application with Transmittal Letter PCT/DC99/00481
☐ Utility ☐ Design ☐ CIP ☒ PCT ☐ Provisional
☐ Filing Under 37 CFR 1.53(b) ☐ CONT ☐ DIV
☐ Filing Under 37 CFR 1.53(d) (CPA)
☐ Filing Under 37 CFR 1.114(RCE) 73 pages
☒ Specification Consisting of: _____
☒ Combined Declaration & Power of Attorney

☒ Assignment / Cover Letter
☐ Letter to Official Draftsman
☐ Drawings _____ Sheets ☐ Formal ☐ Informal ☐ Red-Ink
☐ Completion of Filing Requirements, PCT/DO/EO/905
or Formalities Letter and Executed Declaration
☐ Priority Document(s) / Cover Letter, No. Doc.
☒ Amendment: Preliminary
☐ Transmittal Ltr ☐ Large Entity ☐ Small Entity
☐ Response
☒ Information Disc. Stmt. PTO-1449(s) _____ ref(s)
☐ Notice of Appeal ☐ Appeal Brief

☐ Issue Fee Transmittal
☒ FEES: \$ 2032.00
☒ Letter: PCT Subclm 47W/PCT/PEA/409+clm
☒ Other: PCT ISA/210
Sequence Listing

Receipt is hereby acknowledged of the papers filed as indicated in connection with the above identified case.
COMMISSIONER OF PATENTS AND TRADEMARKS
Due Date: 3-14-01, 3-15-01
Handcarry: _____

DOCKET NO. 3631-0108P

508342

Papers Filed herewith on: March 14, 2001
DOCKET NO.: 3631-0108P ATTY.: LR5
APPLICANT(S): HALLIER et al.
APPLN. NO.: NEW FILED: 3-14-01
PAT NO.: JC09 Rec'd PCT/PTO 1 4 MAR 2001

☒ New Application with Transmittal Letter PCT/DC99/00481
☐ Utility ☐ Design ☐ CIP ☒ PCT ☐ Provisional
☐ Filing Under 37 CFR 1.53(b) ☐ CONT ☐ DIV
☐ Filing Under 37 CFR 1.53(d) (CPA)
☐ Filing Under 37 CFR 1.114(RCE) 73 pages
☒ Specification Consisting of: _____
☒ Combined Declaration & Power of Attorney

☒ Assignment / Cover Letter 09/787126
☐ Letter to Official Draftsman
☐ Drawings _____ Sheets ☐ Formal ☐ Informal ☐ Red-Ink
☐ Completion of Filing Requirements, PCT/DO/EO/905
or Formalities Letter and Executed Declaration
☐ Priority Document(s) / Cover Letter, No. Doc.
☒ Amendment: Preliminary
☐ Transmittal Ltr ☐ Large Entity ☐ Small Entity
☐ Response
☒ Information Disc. Stmt. PTO-1449(s) _____ ref(s)
☐ Notice of Appeal ☐ Appeal Brief

☐ Issue Fee Transmittal
☒ FEES: \$ 2032.00
☒ Letter: PCT Subclm 47W/PCT/PEA/409+clm
☒ Other: PCT ISA/210
Sequence Listing

Receipt is hereby acknowledged of the papers filed as indicated in connection with the above identified case.
COMMISSIONER OF PATENTS AND TRADEMARKS
Due Date: 3-14-01, 3-15-01
Handcarry: _____

DOCKET NO. 3631-0108P

508342